

Title (en)
EOL-detection with integrated electrode interrogation

Title (de)
EOL-Erkennung mit integrierter Wendelabfrage

Title (fr)
EOL-détection avec une interrogation d'électrode intégrée

Publication
EP 1343359 A3 20040421 (DE)

Application
EP 03003547 A 20030217

Priority
DE 10209620 A 20020305

Abstract (en)
[origin: EP1343359A2] A discharge lamp (1) end of life monitoring circuit has microcontroller (7) measurement of the DC voltage across the electrodes (2, 3) with an offset voltage (10) connected using the voltage divider (4, 5) and a reference voltage (12) applied to the electrodes.

IPC 1-7
H05B 41/298

IPC 8 full level
H05B 41/298 (2006.01)

CPC (source: EP US)
H05B 41/2985 (2013.01 - EP US)

Citation (search report)

- [XY] US 6008592 A 19991228 - RIBARICH THOMAS J [US]
- [YA] EP 0794691 A2 19970910 - DENSO CORP [JP]
- [A] US 5808422 A 19980915 - VENKITASUBRAHMANIAN SREERAMAN [US], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 013, no. 437 (E - 826) 29 September 1989 (1989-09-29)

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US8754582B2; DE102010029511A1; WO2011151107A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

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DOCDB simple family (application)
EP 03003547 A 20030217; AT 03003547 T 20030217; CA 2420816 A 20030304; CN 03110542 A 20030305; DE 10209620 A 20020305; US 37889503 A 20030305